

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/891,213	06/26/2001	Shigeo Irie	740819-585 9379		
22204 7:	590 11/23/2005		EXAM	EXAMINER	
NIXON PEABODY, LLP 401 9TH STREET, NW			SAGAR, KRIPA		
SUITE 900	221, 1777		ART UNIT	PAPER NUMBER	
WASHINGTO	N, DC 20004-2128		1756		

DATE MAILED: 11/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Calle and
Supplemental Notice of Allowability
Notice of Allowability

Application No.	Applicant(s)	
09/891,213	IRIE, SHIGEO	
Examiner	Art Unit	
Kripa Sagar	1756	

Notice of Allowability	Examiner Art Unit		
	Examiner	Artonit	
	Kripa Sagar	1756	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not include will be mailed in due	ed course. THIS
1. This communication is responsive to 4/13/04.			
2. The allowed claim(s) is/are 1-4,8 and 9.			
3. The drawings filed on 26 June 2001 are accepted by the E	xaminer.		
 4. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application No		tion from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the rec	quirements
5. A SUBSTITUTE OATH OR DECLARATION must be subminFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mus	t be submitted.		
(a) ☐ including changes required by the Notice of Draftspers	on's Patent Drawing Review (PTO-	948) attached	
1) hereto or 2) to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the O	ffice action of	
Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in the	84(c)) should be written on the drawing he header according to 37 CFR 1.121(c	gs in the front (not the	back) of
DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I			lote the
Attachment(s) 1. Notice of References Cited (PTO-892)	5. Notice of Informal Pa	,	D-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary Paper No./Mail Date		
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4/13/04	8), 7. Examiner's Amendr	nent/Comment	
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	8. Examiner's Stateme 9. Other	nt of Reasons for Allo	wance
	<u> </u>		

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 4/13/04 was filed after the mailing date of the notice of allowance on 3/15/04. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement has been considered by the examiner.

Applicant's newly cited references do not affect the allowability of the instant claims.

US Pat. 6449332 to Chiba teaches cleaning the mask using a catalyst layer and separate radiation – not O-plasma.

JP 02-042713 to Okada teaches cleaning a transmission mask and not a reflection mask.

JP 06-151281 teaches cleaning a reflection X-ray mask in the same chamber.

Allowable Subject Matter

2. Claims 1-4,8,9 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kripa Sagar whose telephone number is 571-272-1392. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark F Huff can be reached on 571-272-1385. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 09/891,213

Art Unit: 1756

Page 3

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MH/ks

MARK F. HUFF SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1700